

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

Our Docket No.: **E252.12-0003** Date: **September 19, 2003**

First Named Inventor: **Roger L. Frick**

Title: **MULTI-PHASE MEASUREMENT SYSTEM WITH  
SYNCHRONIZED SIGMA DELTA CONVERTERS**

Express Mail No.: **EV 302259808 US**

22141 U.S. PTO  
10/665672  
09/19/03

**APPLICATION ELEMENTS**

**ADDRESS TO:** **Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

1.  Fee Calculation Sheet  
(Submit an original and a duplicate for fee processing)

2.  Applicant claims small entity status

3.  Specification Total Pages **[19]**

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed. Sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claims
- Abstract of the Disclosure

4.  Drawings (35 U.S.C. 113) Total Sheets **[2]**

5.  Oath or Declaration Total Pages **[2]**

- a.  Newly Executed (original or copy)
- b.  Copy from a prior application (37 C.F.R. 1.63(d) - for continuation/divisional with Box 18 completed)

**[Mark Box 5 below]**

I.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b)

6.  Application Data Sheet. See 37 CFR 1.76.

7.  CD-ROM or CD-R in duplicate, large  
table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission  
(If applicable, all necessary)

- a.  Computer Readable Copy (CRF)
- b. Specification Sequence Listing on:
  - i.  CD-ROM or CD-R (2 copies; or
  - ii.  Paper
- c.  Statements verifying identify of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))

10.  37 C.F.R. 3.73(b) Submission  
 Power of Attorney

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement with copies of  
Citations as necessary

13.  Preliminary Amendment Total Pages **[ ]**

14.  Return Receipt Postcard (Should be specifically  
itemized)

15.  Certified Copy of Priority document(s) (If foreign  
priority is claimed)

16.  Nonpublication Request under 35 U.S.C.  
122(b)(2)(B)(i). Application must attach form  
PTO/SB/35 or its equivalent

17.  Other

18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation     Division     Continuation-in-part (CIP) of prior Application No.

Prior Application Information: Examiner \_\_\_\_\_ Group Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

ATTY NAME AND REG. NO.	David R. Fairbairn Reg. No. 26,047	SIGNATURE: 
ADDRESS	Kinney & Lange, P.A. THE KINNEY & LANGE BUILDING 312 South Third Street Minneapolis, MN 55415-1002	
TELEPHONE	(612) 339-1863	FAX: (612) 339-6580



# FEE TRANSMITTAL

Complete if Known

Application No.	
Filing Date	September 19, 2003
First Named Inventor	Roger L. Frick
Group Art Unit	
Examiner Name	
Total Amount of Payment \$1,126.00	Atty. Docket Number E252.12-0003

## METHOD OF PAYMENT (Check One)

1.  The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. 1.16 and 1.17 and credit any over payments to Deposit Account No.11-0982. Deposit Account Name: Kinney & Lange, P.A. A duplicate copy of this communication is enclosed

2.  Check Enclosed

## FEE CALCULATION (Continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee (\$)	Fee Description	Fee paid
1051	130	2051	65	Surcharge - Late filing fee or oath	*
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	*
1053	130	1053	130	Non-English specification	*
1812	2,520	1812	2,520	For Filing a Request for Reexamination	*
1251	110	2251	55	Extension for reply within first month	*
1252	410	2252	205	Extension for reply within second month	*
1253	930	2253	465	Extension for reply within third month	*
1254	1,450	2254	725	Extension for reply within fourth month	*
1255	1,970	2255	985	Extension for reply within fifth month	*
1402	320	2402	160	Filing a brief in support of an appeal	*
1403	280	2403	140	Request for oral hearing	*
1814	110	2814	55	Terminal Disclaimer Fee	*
1452	110	2452	55	Petition to revive - unavoidable	*
1453	1,300	2453	650	Petition to revive - unintentional	*
1501	1,300	2501	650	Utility/Reissue issue fee	*
1502	470	2502	235	Design issue fee	*
1460	130	1460	130	Petitions to the Commissioner	*
1807	50	1807	50	Petitions related to provisional applications	*
1806	180	1806	180	Submission of Information Disclosure Statement	*
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
1801	750	2801	375	Request for Continued Examination (RCE)	*
Other fee (specify) _____					*

Subtotal (3) \$40.00

Subtotal (2) \$336.00	
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Signature

David R. Fairbairn

Reg. No. 26,047

Date 9/19/03 Deposit Account No. 11-0982

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor : Roger L. Frick	
Appln. No. :	
Filed : Herewith	Group Art Unit:
Title : MULTI-PHASE MEASUREMENT SYSTEM WITH SYNCHRONIZED SIGMA DELTA CONVERTERS	Examiner:
Docket No. : E252.12-0003	

**SUBMISSION UNDER 37 C.F.R. 3.73(b)**

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Rosemount, Inc, a Minnesota corporation, is an owner of the patent application identified above by virtue of either:

A.  **An assignment from the inventor(s) of the patent application identified above.**  
The assignment was recorded in the Patent and Trademark Office at Reel \_\_, Frame \_\_, or a copy of which is attached.

OR

B.  A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a copy of  
which is attached.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature:



Steven Chelesnik

Date: Sept. 18, 2003

Title: General Counsel